

In the claims:

All claims standing for examination are reproduced below. Claims 1 and 7 are amended in this response.

1. (Currently amended) A networking system for a home or business site, comprising:

a bridge adapter unit at the home or business site, ~~having a first connection point for connecting to an external communication network and~~ receiving public network protocol signals; and

~~a an asymmetric star telephone wiring structure in the site, the wiring structure having multiple end points and one or more junctions, and connected at a single point to a second connection point of~~ to the bridge adapter unit;

characterized in that the bridge adapter unit ~~operates the telephone wiring structure according to a Local Area Network (LAN) protocol;~~ translates the received public network protocol signals to a LAN protocol ~~required by the telephone wiring structure,~~ and modulates the translated signals on the telephone wiring structure in a manner to correct any signal variations at the end points due to having multiple end points operated from a single point at the bridge adapter unit using high-frequency modulation compatible with asymmetric star wiring, also known as Christmas tree wiring.

2. (Previously presented) The networking system of claim 1 further comprising one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.

3. (Previously presented) The networking system of claim 2 further comprising one or more single-media or multi-media devices connected to one or more of the converters.

4. (Previously presented) The networking system of claim 3 wherein the single-media and

multi-media electronic devices include one or more of telephones, personal computers, fax machines, and televisions running through set top boxes.

5 - 6. (Canceled)

7. (Currently amended) A method for implementing a networking system, comprising the steps of:

(a) delivering public network protocol signals to a level of a home or business site;

(b) installing a bridge adapter unit having a first connection point for connecting to an external communication network and receiving public network protocol signals at the site;

(c) connecting a an asymmetric star telephone wiring structure ~~having multiple end points and one or more junctions, at a single connection point to a second connection point of~~ to the bridge adapter unit;

(d) ~~operating the telephone wiring structure according to a single Local Area Network (LAN) protocol by the bridge adapter unit,~~ translating and converting the public network protocol signals into a LAN protocol ~~required by the telephone wiring structure;~~ and

(e) modulating the translated signals on the telephone wiring structure in a manner to correct variations at the end points due to having multiple end points operated from the single point at the bridge adapter unit using high-frequency modulation compatible with asymmetric star wiring, also known as Christmas tree wiring.

8. (Previously presented) The method of claim 7 comprising a further step installing one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.

9. (Previously presented) The method of claim 8 wherein, in the further step, the single-media or multi-media devices include one or more of telephones, personal computers, fax machines, and televisions running through set-top boxes.

10-13. (Canceled)

14. (Previously presented) The networking system of claim 3 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

15. (Previously presented) The networking system of claim 3 wherein individual ones of the converters are internal modules of individual ones of the single-media or multi-media devices.

16. (Previously presented) The method of claim 8 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

17. (Previously presented) The method of claim 8 wherein individual ones of the converters are internal modules in individual ones of the single-media or multi-media devices.